Serial No.: 10/785,584

IN THE CLAIMS:

Please amend the claims as follows:

1. (Canceled) ~~A method for monitoring user login activity for a server application, the method comprising:~~
    ~~(a)   receiving communication data between a server application and a client;~~
    ~~(b)   monitoring user login failures between the server application and the client during an established session; and~~
    ~~(c)   detecting when the number of user login failures exceeds a predetermined number.~~

2. (Canceled) ~~The method of claim 1, wherein the communication data is communicated over a network selected from the group consisting of a global communication network, a wide area network, a local area network, and a wireless network.~~

3. (Canceled) ~~The method of claim 1, wherein the communication data comprises an application protocol selected from the group consisting of hypertext transfer protocols, simple object access protocols, web distributed authoring and versioning protocols, simple mail transfer protocols, wireless application protocols, file transfer protocols, Internet message access protocols, post office protocols, web services protocols, simple mail transfer protocols, structured hypertext transfer protocols, and web-mail protocols.~~

4. (Canceled) ~~The method of claim 1, wherein the communication data can comprise HTTP requests from the client and HTTP responses from the server application.~~

5. (Canceled) ~~The method of claim 1, wherein the server application is implemented by a web server.~~

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6.   (Canceled) ~~The method of claim 1, wherein the client is implemented by a web-enabled device including a unique Internet protocol (IP) address.~~

7.   (Canceled) ~~The method of claim 1, wherein the communication data comprises only transmission control protocol packets.~~

8.   (Canceled) ~~The method of claim 1, wherein the server application comprises a plurality of server applications.~~

9.   (Canceled) ~~The method of claim 1, wherein the monitored user login failures are associated with a single user account.~~

10.   (Canceled) ~~The method of claim 1, wherein the monitored user login failures are associated with a single Internet protocol (IP) address.~~

11.   (Canceled) ~~A system for monitoring user login activity for a server application, the system comprising:~~
        ~~(a)   a network interface operable to receive communication data between a server application and a client; and~~
        ~~(b)   a detector operable to monitor user login failures between the server application and the client during an established session, and operable to detect when the number of user login failures exceeds a predetermined number.~~

12.   (Canceled) ~~The system of claim 11, wherein the communication data is communicated over a network selected from the group consisting of a global communication network, a wide area network, a local area network, and a wireless network.~~

13.   (Canceled) ~~The system of claim 11, wherein the communication data comprises an application protocol selected from the group consisting of hypertext transfer protocols, simple object access protocols, web distributed authoring and versioning protocols, simple mail transfer protocols, wireless application protocols, file transfer protocols, Internet message access protocols, post office protocols, web services protocols, simple mail transfer protocols, structured hypertext transfer protocols, and web-mail protocols.~~

14.   (Canceled) ~~The system of claim 11, wherein the communication data can comprise HTTP requests from the client and HTTP responses from the server application.~~

15.   (Canceled) ~~The system of claim 11, wherein the server application is implemented by a web server.~~

16.   (Canceled) ~~The system of claim 11, wherein the client is implemented by a web-enabled device including a unique Internet protocol (IP) address.~~

17.   (Canceled) ~~The system of claim 11, wherein the communication data comprises only transmission control protocol packets.~~

18.   (Canceled) ~~The system of claim 11, wherein the server application comprises a plurality of server applications.~~

19.   (Canceled) ~~The system of claim 11, wherein the monitored user-login failures are associated with a single user account.~~

20.   (Canceled) ~~A computer program product comprising computer-executable instructions embodied in a computer-readable medium for performing steps comprising:~~

~~(a)   receiving communication data between a server application and a client;~~

~~(b)   monitoring user login failures between the server application and the client during an established session; and~~

~~(c)   detecting when the number of user login failures exceeds a predetermined number.~~

21.   (Canceled) ~~The computer program product of claim 20, wherein the communication data is communicated over a network selected from the group consisting of a global communication network, a wide area network, a local area network, and a wireless network.~~

22.   (Canceled) ~~The computer program product of claim 20, wherein the communication data comprises an application protocol selected from the group consisting of hypertext transfer protocols, simple object access protocols, web distributed authoring and versioning protocols, simple mail transfer protocols, wireless application protocols, file transfer protocols, Internet message access protocols, post office protocols, web services protocols, simple mail transfer protocols, structured hypertext transfer protocols, and web mail protocols.~~

23.   (Canceled) ~~The computer program product of claim 20, wherein the communication data can comprise HTTP requests from the client and HTTP responses from the server application.~~

24.   (Canceled) ~~The computer program product of claim 20, wherein the server application is implemented by a web server.~~

25. (Canceled) ~~The computer program product of claim 20, wherein the client is implemented by a web-enabled device including a unique Internet protocol (IP) address.~~

26. (Canceled) ~~The computer program product of claim 20, wherein the communication data comprises only transmission control protocol packets.~~

27. (Canceled) ~~The computer program product of claim 20, wherein the server application comprises a plurality of server applications.~~

28. (Canceled) ~~The computer program product of claim 20, wherein the monitored user login failures are associated with a single user account.~~

29. (Canceled) ~~The computer program product of claim 20, wherein the monitored user login failures are associated with a single Internet protocol (IP) address.~~

30. (Currently Amended) A method for monitoring user login activity for a server application, the method comprising:

   (a)   ~~receiving~~ capturing communication data communicated in a network connecting ~~between~~ a server application and a client;

   (b)   monitoring user login failures between the server application and the client during a predetermined time and based on the captured communication data; and

   (c)   detecting whether the number of user login failures exceeds a predetermined number.

31. (Original) The method of claim 30, wherein the communication data is communicated over a network selected from the group consisting of a global

communication network, a wide area network, a local area network, and a wireless network.

32. (Currently Amended) The method of claim 30, wherein the communication data comprises an application protocol selected from the group consisting of hypertext transfer protocols, simple object access protocols, web distributed authoring and versioning protocols, ~~simple mail transfer protocols,~~ wireless application protocols, file transfer protocols, Internet message access protocols, post office protocols, web services protocols, simple mail transfer protocols, structured hypertext transfer protocols, and web-mail protocols.

33. (Original) The method of claim 30, wherein the communication data can comprise HTTP requests from the client and HTTP responses from the server application.

34. (Canceled) ~~The method of claim 30, wherein the server application is implemented by a web server.~~

35. (Canceled) ~~The method of claim 30, wherein the client is implemented by a web-enabled device including a unique Internet protocol (IP) address.~~

36. (Canceled) ~~The method of claim 30, wherein the communication data comprises only transmission control protocol packets.~~

37. (Currently Amended) A system for monitoring user login activity for a server application, the method comprising:

(a) a network interface operable to ~~receive~~ <u>capture</u> communication data <u>communicated in a network connecting</u> ~~between~~ a server application and a client;

(b)   a detector operable to monitor user login failures between the server application and the client during a predetermined time and based on the captured communicated data, and operable to detect when the number of user login failures exceeds a predetermined number.

38.   (Original) The system of claim 37, wherein the communication data is communicated over a network selected from the group consisting of a global communication network, a wide area network, a local area network, and a wireless network.

39.   (Currently Amended) The system of claim 37, wherein the communication data comprises an application protocol selected from the group consisting of hypertext transfer protocols, simple object access protocols, web distributed authoring and versioning protocols, simple mail transfer protocols, wireless application protocols, file transfer protocols, Internet message access protocols, post office protocols, web services protocols, simple mail transfer protocols, structured hypertext transfer protocols, and web-mail protocols.

40.   (Original) The system of claim 37, wherein the communication data can comprise HTTP requests from the client and HTTP responses from the server application.

41.   (Canceled) The system of claim 37, wherein the server application is implemented by a web server.

42.   (Canceled) The system of claim 37, wherein the client is implemented by a web-enabled device including a unique Internet protocol (IP) address.

43.   (Canceled) The system of claim 37, wherein the communication data comprises only transmission control protocol packets.

44.   (Currently Amended) A computer program product comprising computer-executable instructions embodied in a computer-readable medium for performing steps comprising:

(a)   ~~receiving~~ capturing communication data communicated in a network connecting ~~between~~ a server application and a client;

(b)   monitoring user login failures between the server application and the client during a predetermined time and based on the captured communication data; and

(c)   detecting when the number of user login failures exceeds a predetermined number.

45.   (Canceled) ~~The computer program product of claim 44, wherein the communication data is communicated over a network selected from the group consisting of a global communication network, a wide area network, a local area network, and a wireless network.~~

46.   (Canceled) ~~The computer program product of claim 44, wherein the communication data comprises an application protocol selected from the group consisting of hypertext transfer protocols, simple object access protocols, web distributed authoring and versioning protocols, simple mail transfer protocols, wireless application protocols, file transfer protocols, Internet message access protocols, post office protocols, web services protocols, simple mail transfer protocols, structured hypertext transfer protocols, and web-mail protocols.~~

47.   (Canceled) ~~The computer program product of claim 44, wherein the communication data can comprise HTTP requests from the client and HTTP responses from the server application.~~

48.   (Canceled) ~~The computer program product of claim 44, wherein the server application is implemented by a web server.~~

49.   (Canceled) ~~The computer program product of claim 44, wherein the client is implemented by a web-enabled device including a unique Internet protocol (IP) address.~~

50.   (Canceled) ~~The computer program product of claim 44, wherein the communication data comprises only transmission control protocol packets.~~

51.   (Canceled) ~~A method for monitoring user login activity for a server application, the method comprising:~~
    ~~(a)   receiving communication data between a server application and an first authenticated user;~~
    ~~(b)   monitoring a login session between the server application and the first authenticated user during a time interval; and~~
    ~~(c)   detecting whether the first authenticated user logs into the server application as a second authenticated user during the time interval.~~

52.   (Canceled) ~~The method of claim 51, wherein the communication data is communicated over a network selected from the group consisting of a global communication network, a wide area network, a local area network, and a wireless network.~~

53.   (Canceled) ~~The method of claim 51, wherein the communication data comprises an application protocol selected from the group consisting of hypertext transfer protocols, simple object access protocols, web distributed authoring and versioning protocols, simple mail transfer protocols, wireless application protocols, file transfer protocols, Internet message access protocols, post office protocols, web~~

~~services protocols, simple mail transfer protocols, structured hypertext transfer protocols, and web-mail protocols.~~

54.   (Canceled) ~~The method of claim 51, wherein the communication data can comprise HTTP requests from the client and a responses from the server application.~~

55.   (Canceled) ~~The method of claim 51, wherein the server application is implemented by a web server.~~

56.   (Canceled) ~~The method of claim 51, wherein the client is implemented by a web-enabled device including a unique Internet protocol (IP) address.~~

57.   (Canceled) ~~The method of claim 51, wherein the communication data comprises only transmission control protocol packets.~~

58.   (Canceled) ~~A system for monitoring user login activity for a server application, the method comprising:~~

~~(a)   a network interface operable to receive communication data between a server application and an first authenticated user; and~~

~~(b)   a detector operable to monitor a login session between the server application and the first authenticated user during a time interval, and operable to detect whether the first authenticated user logs into the server application as a second authenticated user during the time interval.~~

59.   (Canceled) ~~The system of claim 58, wherein the communication data is communicated over a network selected from the group consisting of a global~~

communication network, a wide area network, a local area network, and a wireless network.

60. (Canceled) The system of claim 58, wherein the communication data comprises an application protocol selected from the group consisting of hypertext transfer protocols, simple object access protocols, web distributed authoring and versioning protocols, simple mail transfer protocols, wireless application protocols, file transfer protocols, Internet message access protocols, post office protocols, web services protocols, simple mail transfer protocols, structured hypertext transfer protocols, and web mail protocols.

61. (Canceled) The system of claim 58, wherein the communication data can comprise HTTP requests from the client and HTTP responses from the server application.

62. (Canceled) The system of claim 58, wherein the server application is implemented by a web server.

63. (Canceled) The system of claim 58, wherein the client is implemented by a web-enabled device including a unique Internet protocol (IP) address.

64. (Canceled) The system of claim 58, wherein the communication data comprises only transmission control protocol packets.

65. (Canceled) A computer program product comprising computer-executable instructions embodied in a computer-readable medium for performing steps comprising:

    (a) receiving communication data between a server application and a client;

(b)   ~~monitoring user login failures between the server application and the client during a predetermined time; and~~

(c)   ~~detecting when the number of user login failures exceeds a predetermined number.~~

66.   (Canceled) ~~The computer program product of claim 65, wherein the communication data is communicated over a network selected from the group consisting of a global communication network, a wide area network, a local area network, and a wireless network.~~

67.   (Canceled) ~~The computer program product of claim 65, wherein the communication data comprises an application protocol selected from the group consisting of hypertext transfer protocols, simple object access protocols, web distributed authoring and versioning protocols, simple mail transfer protocols, wireless application protocols, file transfer protocols, Internet message access protocols, post office protocols, web services protocols, simple mail transfer protocols, structured hypertext transfer protocols, and web mail protocols.~~

68.   (Canceled) ~~The computer program product of claim 65, wherein the communication data can comprise HTTP requests from the client and HTTP responses from the server application.~~

69.   (Canceled) ~~The computer program product of claim 65, wherein the server application is implemented by a web server.~~

70.   (Canceled) ~~The computer program product of claim 65, wherein the client is implemented by a web enabled device including a unique Internet protocol (IP) address.~~

71.   (Canceled) ~~The computer program product of claim 65, wherein the communication data comprises only transmission control protocol packets.~~

72.   (Currently Amended) A method for monitoring user logoff activity for a server application, the method comprising:

(a)   ~~receiving~~ <u>capturing</u> communication data of a login session <u>communicated in a network connecting</u> ~~between~~ a server application and a client;

(b)   monitoring user logoff between the server application and the client <u>based on the captured communication data</u>;

(c)   monitoring automatic session expiration between the server application and the client <u>based on the captured communication data</u>; and

(d)   determining whether the client completes logoff before the session automatically expires.

73.   (Original) The method of claim 72, wherein the communication data is communicated over a network selected from the group consisting of a global communication network, a wide area network, a local area network, and a wireless network.

74.   (Currently Amended) The method of claim 72, wherein the communication data comprises an application protocol selected from the group consisting of hypertext transfer protocols, simple object access protocols, web distributed authoring and versioning protocols, ~~simple mail transfer protocols,~~ wireless application protocols, file transfer protocols, Internet message access protocols, post office protocols, web services protocols, simple mail transfer protocols, structured hypertext transfer protocols, and web-mail protocols.

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75. (Original) The method of claim 72, wherein the communication data can comprise HTTP requests from the client and HTTP responses from the server application.

76. (Canceled) ~~The method of claim 72, wherein the server application is implemented by a web server.~~

77. (Canceled) ~~The method of claim 72, wherein the client is implemented by a web-enabled device including a unique Internet protocol (IP) address.~~

78. (Canceled) ~~The method of claim 72, wherein the communication data comprises only transmission control protocol packets.~~

79. (Currently Amended) A system for monitoring user logoff activity for a server application, the method comprising:

(a) a network interface operable to ~~receive~~ <u>capture</u> communication data of a login session <u>communicated in a network connecting</u> ~~between~~ a server application and a client;

(b) a detector operable to monitor user logoff between the server application and the client<u> based on the captured communication data</u>, operable to monitor automatic session expiration between the server application and the client<u> based on the captured communication data</u>, and operable to determine whether the client completes logoff before the session automatically expires.

80. (Original) The system of claim 79, wherein the communication data is communicated over a network selected from the group consisting of a global

communication network, a wide area network, a local area network, and a wireless network.

81. (Currently Amended) The system of claim 79, wherein the communication data comprises an application protocol selected from the group consisting of hypertext transfer protocols, simple object access protocols, web distributed authoring and versioning protocols, ~~simple mail transfer protocols,~~ wireless application protocols, file transfer protocols, Internet message access protocols, post office protocols, web services protocols, simple mail transfer protocols, structured hypertext transfer protocols, and web-mail protocols.

82. (Original) The system of claim 79, wherein the communication data can comprise HTTP requests from the client and HTTP responses from the server application.

83. (Canceled) ~~The system of claim 79, wherein the server application is implemented by a web server.~~

84. (Canceled) ~~The system of claim 79, wherein the client is implemented by a web-enabled device including a unique Internet protocol (IP) address.~~

85. (Canceled) ~~The system of claim 79, wherein the communication data comprises only transmission control protocol packets.~~

86. (Currently Amended) A computer program product comprising computer-executable instructions embodied in a computer-readable medium for performing steps comprising:

(a) ~~receiving~~ <u>capturing</u> communication data of a login session <u>communicated in a network connecting</u> ~~between~~ a server application and a client;

(b) monitoring user logoff between the server application and the client <u>based on the captured communication data</u>;

(c) monitoring automatic session expiration between the server application and the client <u>based on the captured communication data</u>; and

(d) determining whether the client completes logoff before the session automatically expires.

87. (Canceled) ~~The computer program product of claim 86, wherein the communication data is communicated over a network selected from the group consisting of a global communication network, a wide area network, a local area network, and a wireless network.~~

88. (Canceled) ~~The computer program product of claim 86, wherein the communication data comprises an application protocol selected from the group consisting of hypertext transfer protocols, simple object access protocols, web distributed authoring and versioning protocols, simple mail transfer protocols, wireless application protocols, file transfer protocols, Internet message access protocols, post office protocols, web services protocols, simple mail transfer protocols, structured hypertext transfer protocols, and web-mail protocols.~~

89. (Canceled) ~~The computer program product of claim 86, wherein the communication data can comprise HTTP requests from the client and HTTP responses from the server application.~~

90. (Canceled) ~~The computer program product of claim 86, wherein the server application is implemented by a web server.~~

91. (Canceled) ~~The computer program product of claim 86, wherein the client is implemented by a web-enabled device including a unique Internet protocol (IP) address.~~

92. (Canceled) ~~The computer program product of claim 86, wherein the communication data comprises only transmission control protocol packets.~~

93. (Currently Amended) A method for monitoring simultaneous logins for a server application, the method comprising:

(a) <u>capturing communication data communicated in a network connecting a server application and at least one client, wherein the captured communication data is associated with first and second user login sessions for first and second users, respectively, of the server application;</u>

(b) monitoring [[a]] <u>the captured communication data associated with the</u> first <u>and second</u> user login session<u>s</u> ~~for a first user of a server application;~~

~~(b) monitoring a second user login session for a second user of the server application;~~ and

(c) determining whether the second user login session occurs during the first user login session when the user of the first and second login session are identical.

94. (Original) The method of claim 93, comprising selectively generating an alert based upon whether the second user login session occurs during the first user login session when the user of the first and second login session are identical.

95. (Original) The method of claim 93, wherein the first and second login sessions communicate over a network selected from the group consisting of a global communication network, a wide area network, a local area network, and a wireless network.

96. (Currently Amended) The method of claim 93, wherein the communication data comprises an application protocol selected from the group consisting of hypertext transfer protocols, simple object access protocols, web distributed authoring and versioning protocols, ~~simple mail transfer protocols,~~ wireless application protocols, file transfer protocols, Internet message access protocols, post office protocols, web services protocols, simple mail transfer protocols, structured hypertext transfer protocols, and web-mail protocols.

97. (Canceled) ~~The method of claim 93, wherein the server application is implemented by a web server.~~

98. (Canceled) ~~The method of claim 93, wherein the client is implemented by a web-enabled device including a unique Internet protocol (IP) address.~~

99. (Currently Amended) A system for monitoring simultaneous logins for a server application, the method comprising:
    (a)   a network interface operable to <u>capture communication data communicated in a network connecting a server application and at least one client, wherein the captured communication data is associated with first and second user login sessions for the first and second users,</u>

respectively, of the server application ~~monitor communication data between a server application and a client~~; and

(b)   a detector operable to monitor [[a]] the captured communication data associated with the first and second user login session~~s~~ ~~for a first user of the server application, operable to monitor a second user login session for a second user of the server application~~, and operable to determine whether the second user login session occurs during the first user login session when the user of the first and second login session are identical.

100.   (Original) The system of claim 99, wherein the detector is operable to selectively generating an alert based upon whether the second user login session occurs during the first user login session when the user of the first and second login session are identical.

101.   (Original) The system of claim 99, wherein the first and second login sessions communicate over a network selected from the group consisting of a global communication network, a wide area network, a local area network, and a wireless network.

102.   (Currently Amended) The system of claim 99, wherein the communication data comprises an application protocol selected from the group consisting of hypertext transfer protocols, simple object access protocols, web distributed authoring and versioning protocols, ~~simple mail transfer protocols,~~ wireless application protocols, file transfer protocols, Internet message access protocols, post office protocols, web services protocols, simple mail transfer protocols, structured hypertext transfer protocols, and web-mail protocols.

103.   (Canceled) ~~The system of claim 99, wherein the server application is implemented by a web server.~~

104. (Canceled) ~~The system of claim 99, wherein the client is implemented by a web-enabled device including a unique Internet protocol (IP) address.~~

105. (Currently Amended) A computer program product comprising computer-executable instructions embodied in a computer-readable medium for performing steps comprising:

(a) <u>capturing communication data communicated in a network connecting a server application and at least one client, wherein the captured communication data is associated with first and second user login sessions for first and second users, respectively, of the server application;</u>

(b) monitoring [[a]] <u>the captured communication data associated with the</u> first <u>and second</u> user login session<u>s</u> ~~for a first user of a server application;~~

(b) ~~monitoring a second user login session for a second user of the server application;~~ and

(c) determining whether the second user login session occurs during the first user login session when the user of the first and second login session are identical.

106. (Canceled) ~~The computer program product of claim 105, comprising selectively generating an alert based upon whether the second user login session occurs during the first user login session when the user of the first and second login session are identical.~~

107. (Canceled) ~~The computer program product of claim 105, wherein the first and second login sessions communicate over a network selected from the group~~

~~consisting of a global communication network, a wide area network, a local area network, and a wireless network.~~

108. (Canceled) ~~The computer program product of claim 105, wherein the communication data comprises an application protocol selected from the group consisting of hypertext transfer protocols, simple object access protocols, web distributed authoring and versioning protocols, simple mail transfer protocols, wireless application protocols, file transfer protocols, Internet message access protocols, post office protocols, web services protocols, simple mail transfer protocols, structured hypertext transfer protocols, and web mail protocols.~~

109. (Canceled) ~~The computer program product of claim 105, wherein the server application is implemented by a web server.~~

110. (Canceled) ~~The computer program product of claim 105, wherein the client is implemented by a web-enabled device including a unique Internet protocol (IP) address.~~

111. (Currently Amended) A method of monitoring logins for a server application, the method comprising:

    (a)   designating a first login time for a client as a disallowed login time;

    (b)   determining a second login time for the client in communication data with a server application <u>based on communication data captured from a network connecting the server application and the client</u>;

    (c)   determining whether the second login time matches the first login time; and

    (d)   if the first and second login times match, indicating that the client in data communication with the server application is logging in at a disallowed login time.

112. (Original) The method of claim 111, if the login time for the client is disallowed, generating an alert.

113. (Original) The method of claim 111, wherein the server application communicates data over a network selected from the group consisting of a global communication network, a wide area network, a local area network, and a wireless network.

114. (Currently Amended) The method of claim 111, wherein the communication data comprises an application protocol selected from the group consisting of hypertext transfer protocols, simple object access protocols, web distributed authoring and versioning protocols, simple mail transfer protocols, wireless application protocols, file transfer protocols, Internet message access protocols, post office protocols, web services protocols, simple mail transfer protocols, structured hypertext transfer protocols, and web-mail protocols.

115. (Original) The method of claim 111, wherein the data communicated with the server application can comprise HTTP requests from the client and HTTP responses from the server application.

116. (Canceled) The method of claim 111, wherein the server application is implemented by a web server.

117. (Canceled) The method of claim 111, wherein the client is implemented by a web-enabled device including a unique Internet protocol (IP) address.

118. (Canceled) The method of claim 111, wherein the data communicated with the server application comprises only transmission control protocol packets.

119. (Currently Amended) A system for monitoring logins for a server application, the method comprising:

(a)   a network interface operable to monitor <u>and capture</u> communication data <u>communicated</u> between a server application and a client; and

(b)   a detector operable to designate a first login time for a client as a disallowed login time, operable to determine a second login time for the client in communication data with a server application<u> based on the communication data captured from the network</u>, operable to determine whether the second login time matches the first login time, and operable to indicating that the client in data communication with the server application is logging in at a disallowed login time, if the first and second login times match.

120. (Original) The system of claim 119, wherein the detector is operable to generate an alert if the login time for the client is disallowed.

121. (Original) The system of claim 119, wherein the server application communicates data over a network selected from the group consisting of a global communication network, a wide area network, a local area network, and a wireless network.

122. (Currently Amended) The system of claim 119, wherein the communication data comprises an application protocol selected from the group consisting of hypertext transfer protocols, simple object access protocols, web distributed authoring and versioning protocols, ~~simple mail transfer protocols,~~ wireless application protocols, file transfer protocols, Internet message access protocols, post office protocols, web services protocols, simple mail transfer protocols, structured hypertext transfer protocols, and web-mail protocols.

123. (Original) The system of claim 119, wherein the data communicated with the server application can comprise HTTP requests from the client and HTTP responses from the server application.

124. (Canceled) ~~The system of claim 119, wherein the server application is implemented by a web server.~~

125. (Canceled) ~~The system of claim 119, wherein the client is implemented by a web-enabled device including a unique Internet protocol (IP) address.~~

126. (Canceled) ~~The system of claim 119, wherein the data communicated with the server application comprises only transmission control protocol packets.~~

127. (Currently Amended) A computer program product comprising computer-executable instructions embodied in a computer-readable medium for performing steps comprising:

    (a)   designating a first login time for a client as a disallowed login time;

    (b)   determining a second login time for the client in data communication with a server application <u>based on communication data captured from a network connecting the server application and the client</u>;

    (c)   determining whether the second login time matches the first login time; and

    (d)   if the first and second login times match, indicating that the client in data communication with the server application is logging in at a disallowed login time.

128. (Canceled) ~~The computer program product of claim 127, if the login time for the client is disallowed, generating an alert.~~

129. (Canceled) ~~The computer program product of claim 127, wherein the server application communicates data over a network selected from the group consisting of a global communication network, a wide area network, a local area network, and a wireless network.~~

130. (Canceled) ~~The computer program product of claim 127, wherein the communication data comprises an application protocol selected from the group consisting of hypertext transfer protocols, simple object access protocols, web distributed authoring and versioning protocols, simple mail transfer protocols, wireless application protocols, file transfer protocols, Internet message access protocols, post office protocols, web services protocols, simple mail transfer protocols, structured hypertext transfer protocols, and web mail protocols.~~

131. (Canceled) ~~The computer program product of claim 127, wherein the data communicated with the server application can comprise HTTP requests from the client and HTTP responses from the server application.~~

132. (Canceled) ~~The computer program product of claim 127, wherein the server application is implemented by a web server.~~

133. (Canceled) ~~The computer program product of claim 127, wherein the client is implemented by a web-enabled device including a unique Internet protocol (IP) address.~~

134. (Canceled) ~~The computer program product of claim 127, wherein the data communicated with the server application comprises only transmission control protocol packets.~~

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135. (New) The method of claim 30 wherein capturing communication data includes copying the communication data communicated in the network connecting the server application and the client.

136. (New) The method of claim 30 wherein the communication data contains a session identifier that identifies a session established between the server application and the client, and wherein monitoring user login failures includes identifying communication data containing the session identifier.

137. (New) The system of claim 37 wherein the network interface is operable to copy the communication data being communicated in the network connecting the server application and the client.

138. (New) The system of claim 37 wherein the communication data contains a session identifier that identifies a session established between the server application and the client, and wherein the detector is operable to identify communication data containing the session identifier.

139. (New) The method of claim 72 wherein capturing communication data includes copying the communication data communicated in the network connecting the server application and the client.

140. (New) The method of claim 72 wherein the communication data contains a session identifier that identifies a session established between the server application and the client, and wherein monitoring automatic session expiration includes identifying communication data containing the session identifier.

141. (New) The system of claim 79 wherein the network interface is operable to copy the communication data being communicated in the network connecting the server application and the client.

142. (New) The system of claim 79 wherein the communication data contains a session identifier that identifies a session established between the server application and the client, and wherein the detector is operable to identify communication data containing the session identifier.

143. (New) The method of claim 93 wherein capturing communication data includes copying the communication data communicated in the network connecting the server application and the at least one client.

144. (New) The method of claim 93 wherein the communication data contains two session identifiers that identify the two sessions established between the server application and one or two clients, and wherein monitoring the captured communication data includes identifying communication data containing the session identifiers.

145. (New) The system of claim 99 wherein the network interface is operable to copy the communication data being communicated in the network connecting the server application and the at least client.

146. (New) The system of claim 99 wherein the communication data contains two session identifiers that identify the two sessions established between the server application and one or two clients, and wherein monitoring the captured communication data includes identifying communication data containing the session identifiers.

147. (New) The method of claim 111 wherein determining a second login time is based on communication data copied from the network connecting the server application and the client.

148. (New) The method of claim 111 wherein the communication data contains a session identifier that identifies a session established between the server application and the client, and wherein determining a second login time includes identifying communication data containing the session identifier.

149. (New) The system of claim 119 wherein the network interface is operable to copy the communication data being communicated in the network connecting the server application and the client.

150. (New) The system of claim 119 wherein the communication data contains a session identifier that identifies a session established between the server application and the client, and wherein the detector is operable to identify communication data containing the session identifier.